IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wei, et al. Docket No: KCX-691 (18379)

Serial No: 10/718,997 Group No: 1645

Confirmation No: 9089 Examiner: Unknown

Customer No: 22827

Filed: November 21, 2003 Date: July 12, 2004

For: Extension Of The Dynamic Detection Range Of Assay Devices

RELATED U.S. PATENT APPLICATIONS

ASSISTANT COMMISSIONER FOR PATENTS

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The following commonly assigned U.S. Patent Applications are being cited to the Examiner for review and consideration. Enclosed please find copies of these applications. Once the applications have been reviewed, it is requested that the Examiner place his or her initial to the left of the identified patents on the list document to indicate that the specific patent applications have been considered.

RELATED U.S. APPLICATIONS

Examiner's Initial	Inventor	Serial <u>Number</u>	Filing Date	Title of Application
J.	Wei, et al.	10/325,429 (KCX-570)	12/19/2002	Self-Calibrated Flow- Through Assay Devices
AW	Yang, et al.	10/406,577 (KCX-634)	04/03/2003	Assay Devices That Utilize Hollow Particles
+m	Wei, et al.	10/325,614 (KCX-642)	12/19/2002	Reduction Of The Hook Effect In Membrane- Based Assay Devices
AM	Wei, et al.	10/406,631 (KCX-650)	04/03/2003	Reduction Of The Hook Effect In Assay Devices

400	Xuedong Song	10/719,976 (KCX-693)	11/21/2003	Method For Extending The Dynamic Detection Range Of Assay Devices	
App	Yang, et al.	10/741,434 (KCX-727)	12/19/2003	Laminated Assay Devices	
The	Yang, et al.	10/742,589 (KCX-728)	12/19/2003	Flow Control Of Electrochemcial-Based Assay Devices	
Am	Yang, et al.	10/742,590 (KCX-729)	12/19/2003	Flow-Through Assay Devices	
4rb	Xuedong Song	10/718,989 (KCX-741)	11/21/2003	Membrane-Based Lateral Flow Assay Devices That Utilize Phosphorescent Detection	
Am	Ning Wei	10/718,996 (KCX-742)	11/21/2003	Method Of Reducing The Sensitivity Of Assay Devices	
APP	David S. Cohen	10/836,093 (KCX-826)	04/30/2004	Optical Detection Systems	
Am	Boga, et al.	10/790,617 (KCX-827)	03/01/2004	Assay Devices Utilizing Chemichronic Dyes	

DM-10/2003 Sheet 1 of 17 Serial Number: Attorney Docket Number: 10/718,997 KCN-691 (18379) nformation Disclosure Statement List Applicant: By Applicant(s) Wei, et al. Under 37 CFR Section 1.98(a) (1) Group Art Unit: (Use several sheets if necessary) Filing Date: 1645 November 21, 2003 Confirmation No: 9089

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EXAMINE INITIALS		PATENT NUMBER						ISSUE DATE	COP	
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ine	Lipman, et al.	D'	4	5	0	8	5	4	11/20/2001	5
	Bruschi	R	E	3	0	2	6	7	05/06/1980	
	Burch	11	3	6	6	2	4	11-	01/18/1921	5
	Keim	3	7	0	0	6	7	6	10/24/1972	5
	Keim	3	7	7	2	0			11/13/1973	5
	Deutsch, et al.	4	0	9	4	6	4	7	06/13/1978	
	Stoy	4	11	1	0	5	2	9	08/29/1978	5
	Grubb, et al.	4	1	6	8	1	4	6	09/18/1979	5
	Dorman, et al.	4	2	1	0	7	2	3	07/01/1980	5
<u> </u>	Litman, et al.	4	2	7	5_	1	4	9	06/23/1981	5
	Wohltjen	4	3	11	2	2	2	8	01/26/1982	5
	Greenquist	4	3	6	3	8	7	4	12/14/1982	5
	Tom, et al.	4	3	6	6	2	4	11_	12/28/1982	5
	Litman, et al.	4	3	7	4	9	2	5	02/22/1983	5
	Chen, et al.	4	3	8	5	1	2	6	05/24/1983	5
	Columbus	4	4	2	6	4	5	11_	01/17/1984	5
	Kowalski, et al.	4	4	2	7	8	3	6.	01/24/1984	5
	Zuk, et al.	1-4	4	3	5	5	0	4	03/06/1984	5
	White	4	4	4	1	3	7	3	04/10/1984	5
	Greenquist, et al.	4	4	4	2	2 ·	0	4	04/10/1984	5
	Ludwig	4	4	4	4	5_	9	2	04/24/1984	. 5
	Mitra	4	4	7	7	6	3	5	10/16/1984	5
	Craig, et al.	4	4	8	0	0	4	2	10/30/1984	5
	Clark, et al.	4	5	3	3	4	9	9	08/06/1985	5
	Litman, et al.	4	5	3	3	6	2	9	08/06/1985	5
	Papadakis	4	5	3	4	13	5	6	08/13/1985	5
	Keim	4	5	3	7	6	5	7	08/27/1985	5
	Elings, et al.	4	5	3	7	8	6	1	08/27/1985	5
1	Litman, et al.	4	5	4	0	6	5	9	09/10/1985	5
	Lowne	4	5	5	2	4	5	8	11/12/1985	5
	Sekler, et al.	4	5.	6	1	2	8	6	12/31/1985	5
1	Lowe, et al.	4	3	6	2	1	5	7	12/31/1985	5
4 +	Miller	14	15	8	6	6	9	5	05/06/1986	5
1	Cragle, et al.	1	5	9	5	6	6	1	06/17/1986	5
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7700	Schmidt, et al.	1	6	1	14	17	2	13	09/30/1986	3

(Rev. 5:92)	Attorney Docket Number:	Serial Number:				
Information Disclosure Statement List	KCX-691 (18379)	10/718,997				
By Applicant(s)	Applicant:					
Under 37 CFR Section 1.98(a) (1)	Wei, et al.					
(Use several sheets if necessary)	Filing Date:	Group Art Unit:				
	November 21, 2003	1645				
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	Brunsting	1	6	3	2	5	5	9	12/30/1986	5
1	Krull, et al.	4	6	6	1_	2	3	5	04/28/1987	5
	Schwartz, et al.	- 4	6	9	8	2	6	2	10/06/1987	5
	Lee, et al.	4	7	2	2	8	8	9	02/02/1988	5
\neg	Valkirs, et al.	1	7	2	7	0	1	9	02/23/1988	5
-1	Luotola, et al.	14	7	3	1	3	3	7	03/15/1988	5
	Graham, Jr., et al.	4	7	14	3	5	4	2	05/10/1988	5
	Janata, et al.	4	7	7	6	9	4	.4	10/11/1988	. 5
	de Jaeger, et al.	1	8	3	7	1	6	8	06/06/1989	5
	Blaylock	4	8	4	2	7	8	3	06/27/1989	5
	Litman, et al.	4	8	4	3	0	0	0	06/27/1989	5
	Noguchi, et al.	4	8	4	3	0	2	l i	06/27/1989	5
 	Batchelder, et al.	4	8	4	4	6	Т	3	07/04/1989	5
-1	Litinan, et al.	4	8	1	9	3	3	8	07/18/1989	5
	Rosenstein, et al.	4	8	5	5	2	4	0	08/08/1989	5
1 1	Uliman, et al.	1	8	5	7	4	5	3	08/15/1989	5
	Devaney, Jr., et al.	4	8	7	7	5	8	6	10/31/1989	5
	Stewart	1	8	7	7	7	4	7	10/31/1989	5
	Pyke, et al.	4	8	9	5	ō	i	7	01/23/1990	5
- - -	Brown, III, et al.	4	9	1	6	ō	5	6	04/10/1990	5
	Bhattacharjee	4	9	1	7	5	ō	3	04/17/1990	5
	Lev, et al.	4	9	4	0	7	3	4	07/10/1990	5
-1	Hillman, et al.	4	9	6	3	4	9	8.	10/16/1990	5
	McDonald, et al.	1	9	7	3	6	7	0	11/27/1990	5
-1	Godfrey	4	9	9	2	3	8	5	02/12/1991	5
	Livesay	- 5	0	0	3	ī	7	8	03/26/1991	5
	Finlan	15	0	2	3	0	3	3	06/11/1991	5
	Lee, et al.	15	0	12	6	6	5	3	06/25/1991	5
	Finlan, et al.	1 5	0	13	5	8	6	13	07/30/1991	5
	Finlan		0	5	5	2	6	. 5	10/08/1991	3
- - 	Cozzette, et al.	- 5	0	6	3	0	8	1	11/05/1991	5
-	Finlan	5	0	6	4	6	T	9	11/12/1991	5
	Durley, III, et al.	3	0	7	5	10	7	17	12/24/1991	5
- - 	Frye, et al.	3	0	7	6	0	9	14	12/31/1991	5
	Kane, et al.	5	0	9	6	6	7	1	03/17/1992	5
	Leiner, et al.	5	۱Ť	tí	4	6	7	6	05/19/1992	5
- - -	Chan, et al.	5	li	1 2	10	6	6	2	06/09/1992	5
	Hewlins, et al.	5	li	2	4	2	5	4	06/23/1992	5
	Kuypers, et al.	5	++-	13	4	5	5	7	07/28/1992	5
	Manian, et al.	5	 	3	7	6	ő	9	08/11/1992	5
- - 	Pirrung, et al.	- 3	H	4	3	8	5	4	09/01/1992	5
	Cox, et al.	5	 	4	5	7	8	4	09/08/1992	5
	Kaetsu, et al.	5	 	5	2	7	5	18	10/06/1992	5
	Litman, et al.	5	l i	3	6	9	5	3	10/20/1992	5
	Miffitt, et al.	5	 i 	7	9	2	8	18	01/12/1993	5
	Giesecke, et al.	5	1	8	2	1	3	5	01/26/1993	5
	Backman, et al.	3	l i	9	6	13	5	10	03/23/1993	5
	Liberti, et al.	5	2	10	0	0	8	4	04/06/1993	5
- 	Nakayama, et al.	- 3 -	2	10	8	5	3	5	05/04/1993	5
-+	Manian, et al.	$-\frac{3}{5}$	2	12	li-	4	5	4	06/22/1993	5
	Watanabe, et al.	5	2	2	5	9	3	5	07/06/1993	5
	McGechan, et al.	- 5	2	1 3	4	8	 	3	08/10/1993	5
		5	2	13	5	2	3	8	08/10/1993	5
	Nomura, et al.	5	2	3	8	8	1	5	08/24/1993	5
	Higo, et al.		2	4	2	8	2	8	09/07/1993	5
-+	Bergström, et al.	5	2	5	2	4	5	18	10/12/1993	5
	Tarcha, et al.		. /	13	1 4	14	1 3	1 7	1 10/12/1993	.)

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J Coly	Berger, et al.	5	2	6	8	3	0	6	12/07/1993	5
AL	Cooke, et al.	1 5	3	1	4	9	2	3	05/24/1994	5
	Suzuki, et al.	5	3	1	6	7	2	7	05/31/1994	5
	Okada, et al.	5	3	2	0	9	4	4	06/14/1994	5
	Detwiler, et al.	5	3	2	1	4	9	2	06/14/1994	5
	Bender, et al.	5	3	2	7	2	2	5	07/05/1994	5
	Bar-Or, et al.	5	3	3	0	8	9	8	07/19/19094	5
	Litman, et al.	5	3	4	2	7	5	9	08/30/1994	5
	Lichtenwalter, et al.	5	3	5	2	5	8	2	10/04/1994	5
	Moorman, et al.	5	3	5	6	7	8	2	10/18/1994	5
	Wu	5	3	5	8	8	5	2	10/25/1994	5
	Attridge	5	3	6	9	7	1	7	11/29/1994	5
	Maule	5	3	7	4	5	6	-3	12/20/1994	5
	Gumbrecht, et al.	5	3	7	6	2	5	5	12/27/1994	5
	Selmer, et al.	5	3	.8	7	5	0	3	02/07/1995	5
	Lambotte, et al.	5	3	9	5	7	5	4	03/07/1995	5
	Maule	5	4	1	5	8	4	2	05/16/1995	5
	Miller, et al.	5	4	1	8	T	3	6	05/23/1995	5
	Jirikowski	5	4	2	4	2	1	9	06/13/1995	5
	Litinan, et al.	5	4	3	2	0	5	7	07/11/1995	5
	Bereström, et al.	5	4	3	6	ī	6	1	07/25/1995	5
	Rohr	5	4	4	5	9	7	1	08/29/1995	5
	Barrett, et al.	5	4	5	1	6	8	3	09/19/1995	5
7	Josse, et al.	5	4	3	5	4	7	5	10/03/1995	5
1	Hendrix	5	4	6	4	7	4	1	11/07/1995	5
	Liberti, et al.	5	4	6	6	5	7	4	11/14/1995	5
1 - 1	Can, et al.	5	4	6	7	7	7	8	11/21/1995	5
- 	Bogart, et al.	5	4	6	8	6	0	6	11/21/1995	5
	Bogart, et al.	5	4	8	2	8	3	0	01/09/1996	5
	Barrett, et al.	5	4	8	2	8	6.	7	01/09/1996	5
	Lichtenham, et al.	5	4	8	4	8	6	7	01/16/1996	5
	Fodor, et al.	5	4	8	9	6	7	8	02/06/1996	5
	Ackley, et al.	5	4	8	9	9	8	8	02/06/1996	5
	Malmqvist, et al.	1 5	4	9	2	8	4	0	02/20/1996	5
	Baker, et al.	5	5	0	0	3	5	0	03/19/1996	5
	Senior	5	5	0	4	0	1	3	04/02/1996	5
	Walling, et al.	5	5	0	8	1	7	1	04/16/1996	5
	Bednarski, et al.	5	5	T	0	4	8	1	04/23/1996	5
	Kumar, et al.	5	5	ī	2	1	3	1	04/30/1996	5
	Markert-Hahn, et al.	5	5	1	4	5	5	9	05/07/1996	5
	Ekins, et al.	5	5		6	6	3	5	05/14/1996	5
<u> </u>	Dosmann, et al.	5	5	1	8	6	8	9	05/21/1996	5
1	Soini	5	5	1	8	8	8	3	05/21/1996	5
1-1-	Tom-Moy, et al.	5	5	2	7	7	ī	1	06/18/1996	5
	Vreeke, et al.	5	5	3	4	1	3	2	07/09/1996	5
- - 	Chadney, et al.	5	3	5	4	5	3	9	09/10/1996	5
 	Malmqvist, et al.	5	5	5	4.	5	4	1	09/10/1996	5
- - -	Sommer	5.	5	6	9	6	0	8	10/29/1996	5
	Lawrence, et al.	5	5	7	i	6	8	4	11/05/1996	5
	Singer, et al.	5	5	7	3	9	ō	9	11/12/1996	5
	Davidson	3	5	8	5	2	7	9	12/17/1996	5
	Hansen, et al.	5	5	8	9	4	ó	† í	12/31/1996	5
	Massey, et al.	15	5	9	li-	5	8	li-	01/07/1997	3
	Tyler	- 5	5	9	6	4	i	4	01/21/1997	5
	Stimpson, et al.	3	5	9	9	6	6	8	02/04/1997	5
- -	Choi, et al.	5	6	1	8	8	8	8	04/08/1997	5
	Bamdad, et al.	1 5	6	2	0	8	5	10	04/15/1997	5

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Information	n Disclosure Statement List		KCX-691 (18379) 10/718,997									
	By Applicant(s)	Applicant:										
Under 37	CFR Section 1.98(a) (1)	Wei, et al.										
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44	Tuunanen, et al.	5	6	4	7	9	9	4	07/15/1997	5		
	Yamamoto, et al.	5	6	5	8	4	4	3	08/19/1997	5		
	Jones, et al. Jou, et al.	5	6	7	0	3	8	3	09/02/1997	5		
	Yee Yee	5	6	7	2	2	5	6	09/30/1997	5		
·	Sheiness, et al.	5	7	0	0	6	3	6	12/23/1997	5		
	Robinson, et al. Bard, et al.	5	7	3	6	0	6	7	03/10/1998	5		
	Alcock, et al.	5	7	3	6	i	8	8	04/07/1998	5		
	Brooks, et al.	5	7	5	3	5	1	7	05/19/1998	5		
	Ching, et al. Wang, et al.	5	7	8	5	3	7	8	07/14/1998	5		
	Poto, et al.	5	7	9	5	5	4	3	08/18/1998	5		
	Shuler, et al.	5	7	9	8	2	7	3	08/25/1998	5		
	Davidson	5	8	2	7	5	2	8	09/22/1998 10/27/1998	5		
	Golden Maupin	5	8	3	4	2	2	6	11/10/1998	5		
	Nohr, et al.	5	8	3	7	4	2	9	11/17/1998	5		
	Allen, et al.	5	8	3	7	5	9	6	11/17/1998	5		
	Phillips, et al. Josse, et al.	5	8	5	2	6	2	9	12/01/1998	5		
1	Buechler	5	8	8	5	5	2	7	03/23/1999	5		
	lkeda, et .	5	9	0	6	9	2	6	05/25/1999	5		
	Lipskie Lawrence, et al.	5	9	1	0	4	8	7	06/08/1999	5		
	Guerra	5	9	ī	0	9	4	0	06/08/1999	5		
	Ewart, et al.	5	9	2	2	5	5	7	07/13/1999	5		
	Everhart, et al. Douglas, et al.	13	9	5	1	4	9	2	09/14/1999	5		
	Avnery	5	9	6	2	9	9	5	10/05/1999	5		
	Sagner, et al.	6	0	0	0	5	3	7	02/01/2000	5		
	Everhart Devine, et al.	6	0	2	7	9	0	4	02/22/2000	5		
	Robinson, et al.	6	0	2	7	9	4	4	02/22/2000	5		
	Otterness, et al.	6	0	3	0	7	9	0	02/29/2000	5		
	Mullinax, et al. Siddiqi	6	0	3	3	5	7	4	03/07/2000	5		
	Everhart, et al.	6	0	4	8	6	2	3	04/11/2000	5		
	Everhart, et al.	6	0	6	0	3	9	6	05/09/2000	5		
	Tsuchiya, et al. Bruno, et al.	6	10-	8	4	6	8	3	07/04/2000	5		
	Magginetti, et al.	6	0	8	7	1	8	4	07/11/2000	5		
	Douglas, et al.	6	0	9	3	5	3	7	08/08/2000	5		
- + - -	Ullman, et al. Caillouette	6	+	11-	17	13	9	6	09/12/2000	5		
	Feistel	6	1	3	6	5	4	9	10/24/2000	5		
	Saaski, et al.	6	1!	3	6	6	1	1	10/24/2000	5		
	Blankenship, et al. Markart	6	1-	5	9	9	6	0	10/31/2000	5		
	Brooks	6	T	6	5	7	9	8	12/26/2000	5		
-	Pham, et al.	6	1	7	1	7	8	0	01/09/2001	5		
- -	Freitag Hirai, et al.	6	1	7	4	8	4	6	01/16/2001	5		
	Manita	6	<u> </u>	7	7	2	8	Ĭ	01/23/2001	5		
	Everhart, et al.	6	1	8	0	2	8	8	01/30/2001	5		
	Neumann, et al.	6	1 -	8	3	9	7	2	02/06/2001	5		
100	Malick, et al.	6	┼┼─	9	4	12	2	0	02/27/2001	5		

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W CONTRACT	Hansen, et al.	6	2	0	0	8	2	0	03/13/2001	5
	Grundig, et al.	6	1 2	12	\Box	2	3	8	04/24/2001	5
	Everhart, et al.	6	2	2	1	5	7	9	04/24/2001	5
	Catt, et al.	6	2	3	4	9	7	4	05/22/2001	5
	Catt, et al.	6	2	3	5	2	4	1	05/22/2001	5
	Knapp, et al.	6	2	3	5	4	7	1	05/22/2001	5
	Connolly	6	2	3	5	4	9	11	05/22/2001	5
	Monbouquette	6	2	4	1	8	6	3	06/05/2001	5
	Wieder, et al.	6	2	4	2	2	6	8	06/05/2001	5
	Louderback	6	2	5	5	0	6	6	07/03/2001	5
	Barbera-Guillem, et al.	6	2	6	1	17	7	9	07/17/2001	5
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NAP	Song, et al.	0_	0	4	3	5	1	1	03/04/2004	5
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	Nagano, et al.	2003	0	1	5	7	7	2	7	08/21/2003	5
40	Dosaka, et al. Equivalent to WO 02/097408	2004	0	1	3	0	7	1	5	07/08/2004	5

(Rev. 5/92)	Attorney Docket Number:	Serial Number:
Information Disclosure Statement List	KCX-691 (18379)	10/718,997
By Applicant(s)	Applicant	:
Under 37 CFR Section 1.98(a) (1)	Wei, et al	
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a"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

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DM-10/2003 Sheet 1 of 2

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(1) This item is cumulative, per Rule 98©

(2)	A copy of this item was previously	y cited by or submitted to t	the U.S. Patent and
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	USSN	, filed;	
Reli	ied on under 35 U.	S.C. Section 120, per Rule 98(d)	

(3) Both reasons (1) and (2) apply

(4) No legible complete copy is possessed, in custody of controlled, or readily available

(5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

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JAN 1	Giaever	4	1	1	5	5	3	5	09/19/1978	5
91	Deutsch et al.	4	2	3	5	6	0	1	11/25/1980	5
	Greenquist	4	8	0	6	3	1	2	02/21/1989	5
	Recktenwald et al.	4	8	6	7	9	0	8	09/19/1989	5
	Blackwood et al.	5	1	6	6	0	7	9	11/24/1992	5
	Jensen	5	3	7	4	5	3	1	12/20/1994	5
	Pease et al.	5	6	1	8	7	3	2	04/08/1997	5
	Schwartz	5	8	3	7	5	4	7	11/17/1998	5
	Blatt et al.	5	9	6	8	8	3	9	10/19/1999	5
	Mansour	6	0	5	7	1	6	5	05/02/2000	5
ap	Brooks et al.	6	5	0	9	11	9	6	01/21/2003	5

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DM-10/2003 Sheet 2 of 2

(Rev. 5/92)	Attorney Docket Number:	Serial Number:						
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